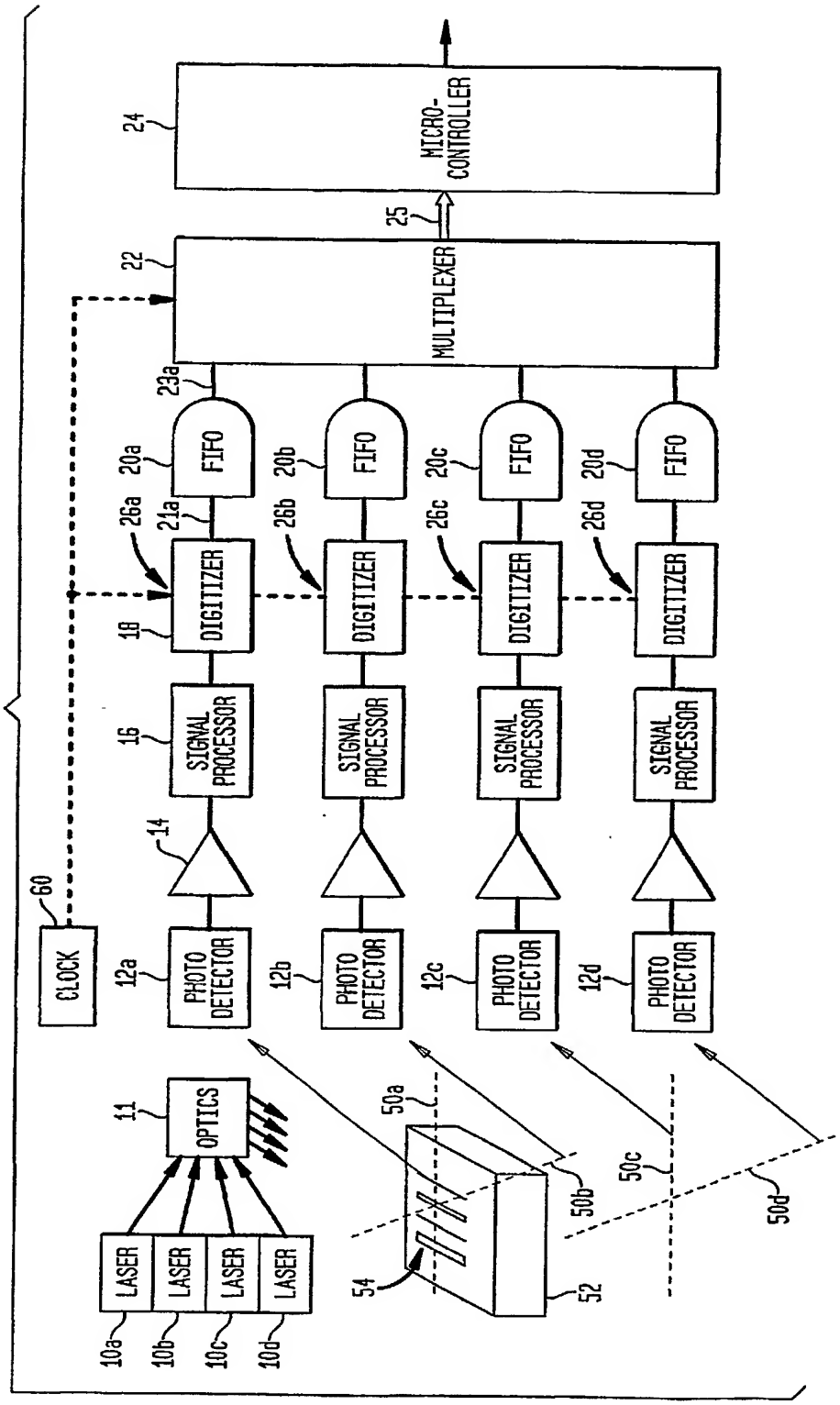

MICRO-CONTROLLER
24
25
MULTIPLEXER
22
23a
FIFO
20a
20b
20c
20d
26a
26b
26c
26d
21a
DIGITIZER
18
SIGNAL PROCESSOR
16
14
CLOCK
60
PHOTO DETECTOR
12a
12b
12c
12d
OPTICS
11
LASER
10a
10b
10c
10d
50a
50b
50c
50d
54
52

FIG. 1

FIG. 2

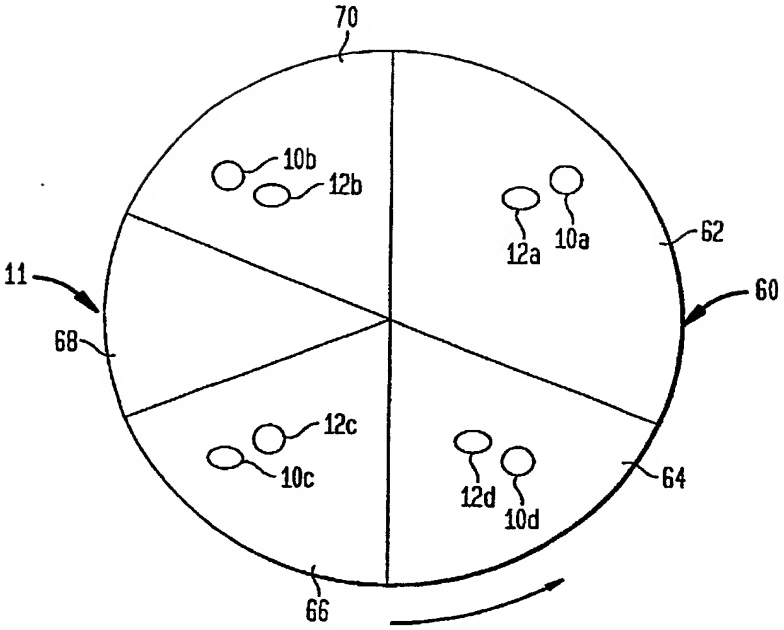
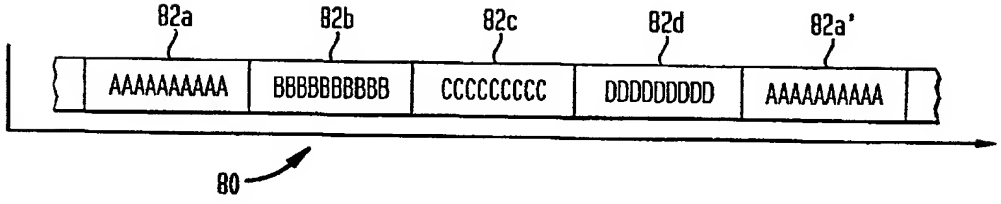

70
10b
12b
12a
10a
62
11
60
68
12c
10c
12d
10d
64
66

FIG. 3


82a
82b
82c
82d
82a'
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80